

## Electronic Patent Application Fee Transmittal

|                                         |                                                                  |                 |               |                             |
|-----------------------------------------|------------------------------------------------------------------|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>              | 10687284                                                         |                 |               |                             |
| <b>Filing Date:</b>                     | 15-Oct-2003                                                      |                 |               |                             |
| <b>Title of Invention:</b>              | WRITE HEAD DESIGN WITH IMPROVED BUMP TO CONTROL WRITE SATURATION |                 |               |                             |
| <b>First Named Inventor:</b>            | Edward Hin Pong Lee                                              |                 |               |                             |
| <b>Filer:</b>                           | Dominic M. Kotab                                                 |                 |               |                             |
| <b>Attorney Docket Number:</b>          | HIT1P021/HSJ9-2003-0069US                                        |                 |               |                             |
| Filed as Large Entity                   |                                                                  |                 |               |                             |
| <b>Utility      Filing Fees</b>         |                                                                  |                 |               |                             |
| <b>Description</b>                      | <b>Fee Code</b>                                                  | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                    |                                                                  |                 |               |                             |
| <b>Pages:</b>                           |                                                                  |                 |               |                             |
| <b>Claims:</b>                          |                                                                  |                 |               |                             |
| <b>Miscellaneous-Filing:</b>            |                                                                  |                 |               |                             |
| <b>Petition:</b>                        |                                                                  |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b> |                                                                  |                 |               |                             |
| Post-Allowance-and-Post-Issuance:       |                                                                  |                 |               |                             |
| Utility Appl issue fee                  | 1501                                                             | 1               | 1400          | 1400                        |
| Publ. Fee- early, voluntary, or normal  | 1504                                                             | 1               | 300           | 300                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 1700                 |